



DIGITAL SOUND PROJECTOR™

YSP-1000/YSP-800



**multi-channel** SURROUND SOUND  
FROM A **single component...**



DIGITAL SOUND  
PROJECTORS



simplify your home theatre

**d-cinema**  
Yamaha takes cinema digital.

# Digital Sound Projector™:

## A Brand New Style of Home Theatre

Providing true multi-channel surround sound from a single unit, the YSP-1000 and YSP-800 are nothing short of a stylistic revolution in home theatre design. No speakers, no cables, just one elegant unit on a rack or mounted on a wall. It's not magic — it's Yamaha.



# Only the Digital Sound Projector™ Gives You All Three of These Benefits!



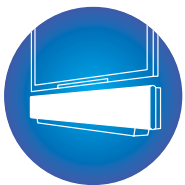
## Sound All Around You.

### True Multi-Channel Surround Sound

As amazing as it seems, the Digital Sound Projectors can actually deliver multiple channels of sound that surround listeners the same way that sound from front, centre and surround speakers does. You enjoy a larger range of optimum listening positions thanks to a soundstage that is twice as wide.



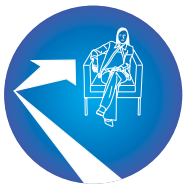
Sound is projected at the listener from five directions: straight ahead, reflected off one wall, and reflected off two walls (so it is heard from the rear).



## Only One Unit. No Speaker Cables.

### Simple Connection

Enjoying multi-channel sound usually requires numerous speakers positioned around the room. For a stylish interior, the speakers have to be recessed and the wires have to be hidden, which is very troublesome. But not with the Digital Sound Projector! It requires no other speakers, and therefore no speaker cables. In addition, the design is more elegant and less obtrusive than multiple speaker boxes.



## Ready to Go in Minutes.

### Requires No Calibration

The Yamaha Digital Sound Projectors produce genuine multi-channel sound from a single unit, without the need for multiple speakers.

No complicated calibration is necessary. IntelliBeam technology automatically sets the sound beam angles and modes for the best surround sound, while optimizing the beam angles, volume and frequency response of each beam. Your room becomes an ideal theater space in less than three minutes.



IntelliBeam™ optimizer microphone

IntelliBeam

## Multi-Channel Surround Sound Enjoyment from a Single Component.

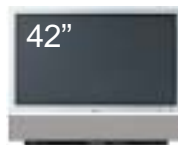


### YSP - 1000

Designed to blend easily with larger flat panel display monitors and rear-projection displays, the YSP-1000 offers video input selection and custom installation compatibility.



Black finish available in some areas



The YSP-1000 is a perfect match for 42" flat TVs and monitors.

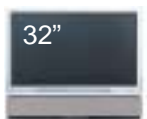


### YSP - 800

The compact, stylish YSP-800 is designed to be used with smaller flat panel displays. It can also be placed on rear-projection, floor-standing video displays or even within entertainment cabinetry.



Black finish available in some areas



The YSP-800 is a perfect match for 32" flat TVs and monitors.

IntelliBeam





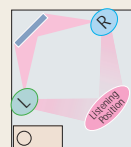
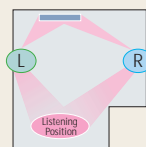
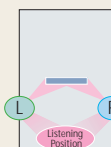
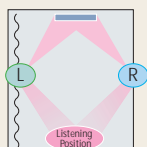
# A Welcome Addition to Any Room

Now you can experience the satisfaction of true multi-channel surround sound anywhere in your home. In rooms that you do not want to clutter with numerous speakers and cables, just mount it on a wall. Room shape and furnishings do not affect the sound. The slim shape is easy to install and is an attractive addition to any room.



Black finish available in some areas.

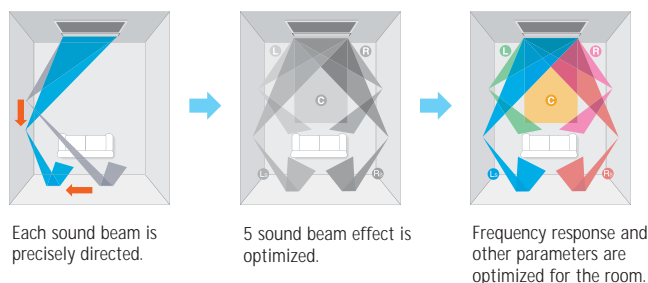
The YSP-1000 and YSP-800 can be used in any type of room. The settings can be adjusted to compensate for irregular shapes, wall materials and furniture, ensuring full surround sound enjoyment.



## Exclusive Yamaha Technology Brings You Sound That Is Perfectly Calibrated and Fully Dynamic.

### IntelliBeam™ Automated System Calibration

No complicated setup or adjustments are necessary — the YSP does everything itself. IntelliBeam technology analyzes the room sound and precisely aims the sound beams both directly at the listener and reflected off the walls for the best surround effect. It then optimizes the audio level and frequency response of each beam in less than three minutes. Manual Setup allows tweaking in accordance with individual preferences.



### IntelliBeam



IntelliBeam™ optimizer microphone and stand are included.

### Choice of CINEMA DSP Programmes

The same CINEMA DSP technology used in Yamaha's award-winning home theatre amplifiers and receivers is also featured in the YSP-1000 and YSP-800. Capable of creating deep and wide sound fields with precise imaging and awesome sound clarity, it brings a thrillingly realistic ambience to all sound sources. CINEMA DSP lets you enjoy multi-channel surround sound with movies, music and sports that puts you right in the middle of the soundscape.

Choice of CINEMA DSP Programmes



#### Two Volume Modes: Night Listening Enhancer and TV Equal Volume

During low-volume listening, such as late at night, dynamic range suffers and you may miss some sounds. The Night Listening Enhancer offers two settings, Cinema and Music, with three-level selectability, which will ensure that you don't miss movie dialogue or quiet passages, or lose overall surround spaciousness. There is also a TV Equal Volume mode to prevent sudden bursts of loud sound such as from commercials.

#### Custom Installation Compatibility: Remote In/Out and RS-232C Interface (YSP-1000)

The YSP-1000 supports IR signal transmission for the convenient operation of other components. The YSP-1000 can be controlled by an IR signal sent through the Remote In terminal. The IR signal received by the Remote Control Sensor on the front panel is directly output through the Remote Out terminal. The YSP-1000 is also provided with an RS-232C interface for a touch-panel controller.

### CINEMA DSP DIGITAL



Three-dimensional soundscape.

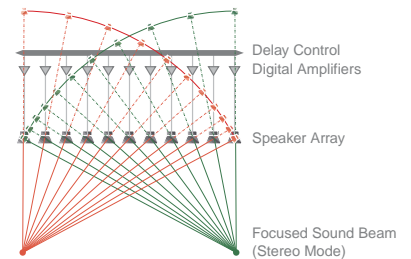
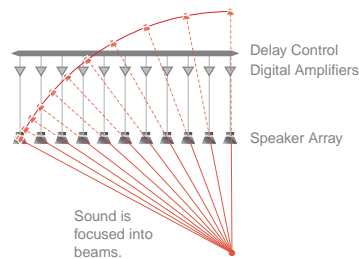
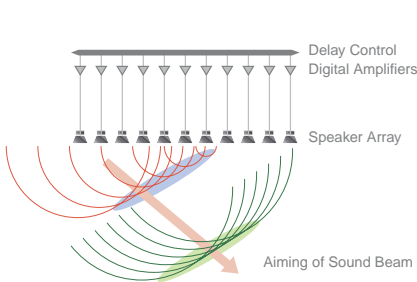
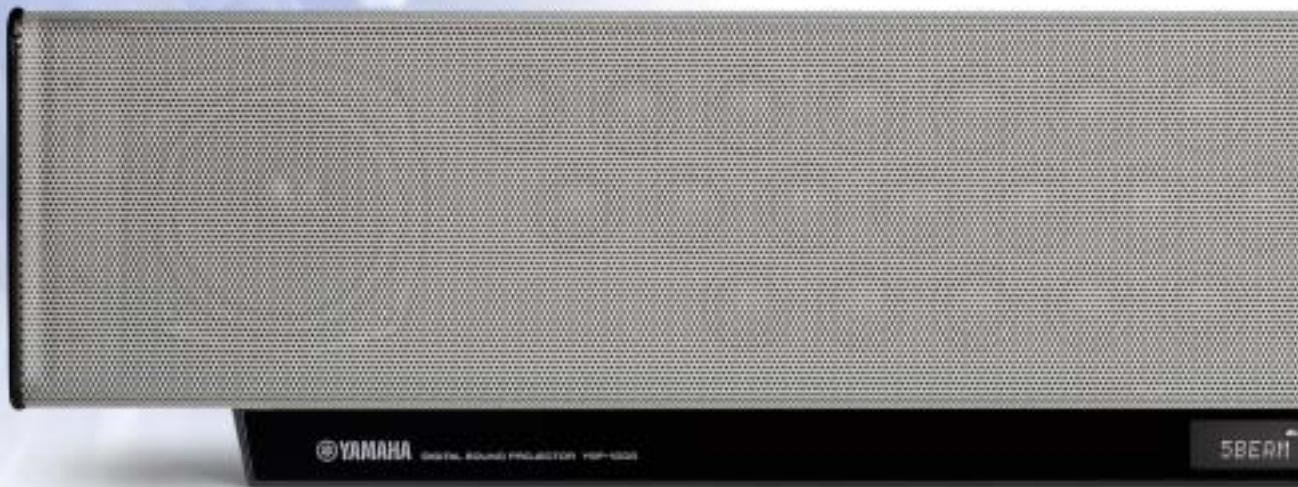
#### Video Input Selection (YSP-1000)

Video input can be selected from any of two component inputs to a component output, or from three composite inputs to a composite output.

#### Other Notable Features

- TruBass: Uses harmonics to make the bass deeper and richer
- On-screen display
- Yamaha original digital amplifier
- 0.1W standby power consumption
- Sleep timer
- Preset remote unit

# The Digital Sound Projector™ Is in Front of You, But the Sound Is All Around You.



## Digital Technology Focuses the Sound into Beams

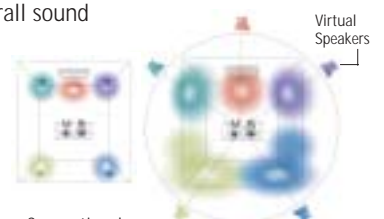
Sophisticated Digital Sound Projector™ technology precisely controls the direction of the sound by focusing it into beams. The focused sound beams do not only reach the listeners directly but also by being reflected off the walls. Two or more channels are overlaid to recreate the desired sound (as in the right figure above). In a multi-channel configuration, the sound beams are merged together, recreating the sound of multi-channel surround. The result is true multi-channel surround sound that is just like a multi-speaker system – without the need for extra speakers or cables.



Sound Beam Image

## High Quality, Theatre-Like Surround Sound

Because the sound beams are precisely focused via the delay controls and reflected off the walls, the sound source can be located at a distance, so you enjoy a wider optimum listening zone. In addition, the overall sound ambience is very similar to the outstanding dynamics and clarity that you hear in a movie theatre.



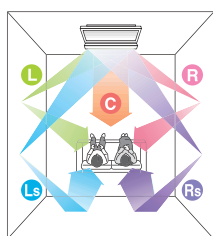
Conventional  
Surround Sound  
Image

Digital Sound Projector  
Surround Sound Image

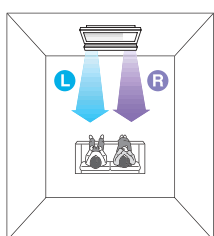


## A Multi-Channel Solution for Every Room.

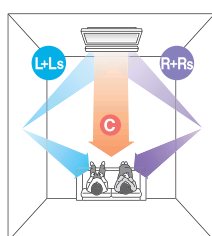
The Yamaha Digital Sound Projectors employ a speaker array powered by digital amplifiers, and our unique projection technology to control the orientation of the sound. By focusing the sound into "beams" and controlling the speaker delay times, the listeners perceive the sounds to be coming from additional speakers placed throughout the room, when in fact there is only the Yamaha Digital Sound Projector™.



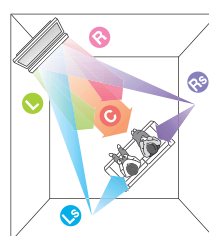
Five-Beam



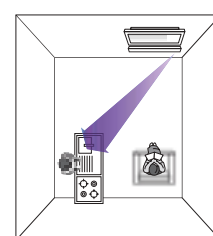
Stereo



Three-Beam



Stereo + Three-Beam



Target Mode

### Five Modes Give You a Range of Listening Options

#### Five-Beam:

All five channels — L, R, C, Ls and Rs — are given separate orientations. Sound is beamed off the walls to create the effect of a surround system with rear speakers.

#### Stereo:

The left and right woofers, with the Sound beam speakers acting as tweeters, reproduce the effect of conventional stereo speakers.

#### Three-Beam:

Three beams are produced: L+Ls, R+Rs and C. Reflecting the sound off the walls creates a surround sound effect.

#### Stereo + Three-Beam:

The L and R channels are produced using stereo mode while C, Ls and Rs are produced using beaming. This mode is effective when the YSP... great for listening outside the normal preset area.

#### Target Mode:

A single beam is focused on one specific direction providing a specific area with audio from the YSP... great for listening outside the normal preset area.

# YSP-1000 Digital Sound Projector™

Digital amplifiers individually drive 40 sound beam drivers and two woofers, delivering a total of 120 watts of highly efficient power.

## Compatible Decoding Formats

Dolby Digital,  
Dolby Pro-Logic,  
Dolby Pro Logic II (Music, Movie and Game)  
DTS Digital Surround,  
DTS Neo:6 (Music and Cinema)



## CINEMA DSP Programmes

MUSIC	Concert Hall	
	Music Video	
	Jazz Club	
MOVIE	Spectacle	
	Sci-Fi	
	Adventure	
SPORTS	Sports	
Programme Total		7

## Main Specifications

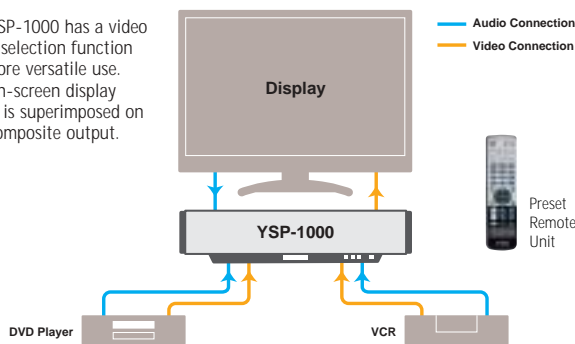
Speakers	Drivers: 1-5/8" (4cm) x 40 Woofers: 4-3/8" (11cm) x 2
Digital Amplifier	120 W total power: 2 W x 40 + 20 W x 2
Weight	28.7 lbs.; 13 kg

## Dimensions



## Connections with Display, VCR and DVD Player

The YSP-1000 has a video input selection function for more versatile use. The on-screen display menu is superimposed on the composite output.



## YSP-1000 connection terminals

- 2 optical, 1 coaxial digital and 2 analogue audio inputs • 3 composite video inputs and 1 composite video output • 2 component video inputs and 1 component video output
- Subwoofer output • Remote In • RS-232C interface • Remote Out



SPM-K1: Optional wall hanging bracket for YSP-1000

# YSP-800 Digital Sound Projector™

Digital amplifiers individually drive 21 sound beam drivers and two woofers, delivering a total of 82 watts of highly efficient power.

## Compatible Decoding Formats

Dolby Digital,  
Dolby Pro-Logic,  
Dolby Pro Logic II (Music, Movie and Game)  
DTS Digital Surround,  
DTS Neo:6 (Music and Cinema)



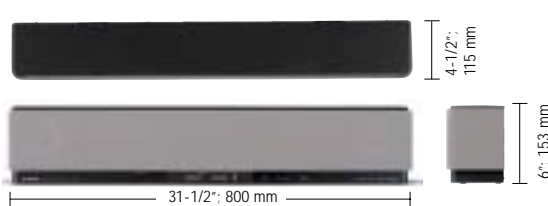
## CINEMA DSP Programmes

MUSIC	
MOVIE	
SPORTS	
Programme Total	3

## Main Specifications

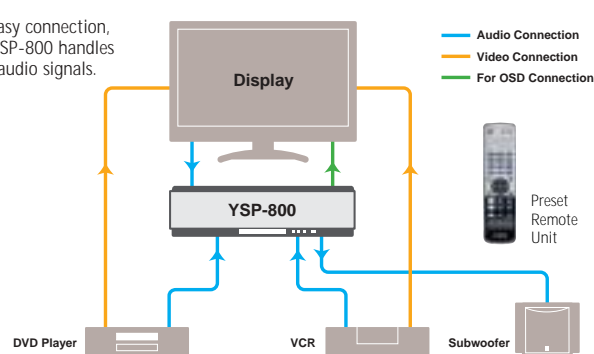
Speakers	Drivers: 1-5/8" (4cm) x 21 Woofers: 3-15/16" (10cm) x 2
Digital Amplifier	82 W total power: 2 W x 21 + 20 W x 2
Weight	19.8 lbs.; 9 kg

## Dimensions



## Connections with Display, VCR and DVD Player

For easy connection, the YSP-800 handles only audio signals.



## YSP-800 connection terminals

- 2 optical/1 coaxial digital and 2 analogue inputs
- Video out for OSD • Subwoofer output



SPM-K8: Optional wall hanging bracket for YSP-800

## YST-FSW100: Recommended Slim Subwoofer



The YST-FSW100 is offered with silver, black or cherry finish in some areas.

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**d-cinema**  
Yamaha takes cinema digital

"d-cinema" is the slogan of Yamaha A/V products and technology, reflecting our focus on digital technology and our leadership in creating and refining digital home theatre.

For details please contact:

Visit us at our website:  
<http://www.global.yamaha.com>



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YAMAHA CORPORATION  
P.O. Box 1, Hamamatsu, Japan



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